

CLAIM AMENDMENTS

IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

1. (Currently Amended) An apparatus for the remote monitoring and control of a computing component using wireless technology, the apparatus comprising:

at least one processor operably coupled to a first transceiver and a LAN transceiver;

at least one memory operably coupled to the processor;
a communications interface operably coupled with the processor and the memory;
the communications interface operable to receive information from and transmit information to a ~~first~~ computing component;

at least one environmental sensor operably coupled to the processor;
the environmental sensor operable to measure at least one environmental characteristic of a computing component;

at least one intelligent management and control a-wireless transceiver operably coupled to the processor and the memory;

the intelligent management and control transceiver operable to transmit information to and receive information using [[a]] radio frequency in the range of 800 MHz to 2.4 GHz
~~from a communications network;~~

at least one program of instructions storable in the memory and executable by the processor; and

the program of instructions operable to monitor at least one characteristic of the computing component and to control at least one function of the ~~first~~ computing component
by using the intelligent management and control transceiver to increase availability and minimize downtime of computing resources through real-time notification of an occurrence of a monitored event.

2. (Cancelled)
3. (Currently Amended) The apparatus of Claim 1 further comprising:
~~the at least one~~ LAN transceiver operably coupled to the processor; and
the LAN transceiver operable to communicate with at least one other intelligent management and control transceiver transmit information to and receive information from a network.
4. (Cancelled)
5. (Currently Amended) The apparatus of Claim 1 further comprising a first power supply and a back-up power supply operably coupled to at least the processor and the memory.
6. (Original) The apparatus of Claim 1 further comprising the program of instructions operable to effect monitoring and control instructions communicated from a web page.
7. (Currently Amended) The apparatus of Claim 1 further comprising:
the intelligent management and control transceiver operable to communicate computing component status to a remote device; and
the remote device operable to manage the computing component.
8. (Original) The apparatus of Claim 1 further comprising a program of instructions storable in the memory and executable by the processor operable to test ~~the at least one~~ computing component capability.
9. (Currently Amended) The apparatus of Claim 1 further comprising the processor, the memory, the communications interface and the intelligent management and control transceiver integrated onto a computing component expansion card.

10. (Currently Amended) The apparatus of Claim 1 further comprising the communications interface operable to receive information from and transmit information to at least one other computing component operably coupled to the ~~first~~ computing component.

11. (Currently Amended) The apparatus of Claim 1 further comprising the intelligent management and control transceiver operable to transmit information to and receive information from a wireless communications network.

12. (Currently Amended) The apparatus of Claim 1 further comprising:
the program of instructions operable to generate an alert upon detection of a monitored event; [[and]]
the first transceiver operable to communicate the alert to the communications network[[.]]; and
the LAN transceiver operable to communicate the alert to the communication network.

13. (Currently Amended) A system for remotely managing at least one computing component using wireless technology, a communications interface and a communications network, the system comprising:

an intelligent transceiver operably coupled to the computing component through a communications interface and a wireless network;

the intelligent transceiver operable to generate an alert independent of the computing component's operability.

the intelligent wireless transceiver including a processor operably coupled to a memory and a LAN transceiver operably coupled to the processor and the memory;

the LAN transceiver operable to transmit information to and receive information from a wireless network using a radio frequency, wherein the radio frequency comprises a frequency selected from a group consisting of 800 MHz band, 900 MHz band, 1.9 GHz band, 2.4 GHz band, infra-red and laser;

an operating system storable in the memory and executable by the processor;

the operating system including at least one instruction operable to communicate via the wireless the network, at least one instruction operable to monitor and control at least one facet of the computing component and at least one instruction operable to enable the remote management of the at least one computing component;

a local agent storable ~~in-a-memory and executable in a processor of the at least one~~ computing component; and

the local agent operable to communicate one or more characteristics of the at least one ~~facet to the operating system~~ computing component.

14. (Cancelled)

15. (Currently Amended) The system of Claim 13 further comprising:

at least one remote device operably coupled to the communications network; and

the remote device operable to transmit information to and receive information from the intelligent transceiver via the communication network.

16. (Original) The system of Claim 13 further comprising the intelligent transceiver operably coupled to a plurality of computing components.

17. (Currently Amended) The system of Claim 13 further comprising:
the intelligent transceiver operable to update the operating system via the network
such that; and
the intelligent transceiver [[is]] operable to communicate with one or more
communications network and computing components **component platforms**.

18. (Original) The system of Claim 13 further comprising the intelligent transceiver operable to receive information from and transmit information to another intelligent transceiver.

19. (Currently Amended) The system of Claim 13 further comprising:
one or more environmental sensors operably coupled to the processor; and
each the environmental sensor **sensors** operable to measure at least one environmental characteristic of the intelligent transceiver.

20. (Currently Amended) The system of Claim 13 further comprising:
a power supply operably coupled to the intelligent transceiver; and
the power supply operable to provide power to the intelligent transceiver in response to a power failure of the at least one computing component.

21. (Cancelled)

22. (Currently Amended) The system of Claim 13 further comprising the operating system including at least one instruction operable to alert at least one remote device in response to detection of a monitored event using the LAN transceiver independent of the communication network's operability to generate the alert in response to the occurrence of the monitored event.

23. (Currently Amended) An intelligent management and control transceiver comprising:

a processor;

a memory operably coupled to the processor;

a communications interface operably coupled to the processor and the memory;

the communications interface operable to communicate information to and from a computing component;

a transceiver operably coupled to the processor and the memory;

the transceiver operable to communicate information to and from a wireless communications network;

the transceiver operable to receive management and control instructions generated from a web site;

a wireless LAN transceiver operably coupled to the processor and the memory;

the LAN transceiver operable to communicate with at least one remote intelligent management and control transceiver using a radio frequency;

at least one environmental sensor operably coupled to the processor and the memory;

the at least one environmental sensor operable to monitor one or more environmental characteristics of the computing component wherein the one or more environmental characteristic includes temperature;

a power supply **and a back-up power supply** operably coupled to at least the processor and the memory;

the power supply **and the back-up power supply** operable to provide power to the processor, memory, communications interface, transceiver, LAN transceiver and environmental sensors;

the intelligent management and control transceiver operable independent of the computing component;

a program of instructions storable in the memory and executable in the processor; and

the program of instructions operable to monitor and control a plurality of facets of the computing component, to generate an alert in response to detection of a monitored event and to transmit the alert via transceiver to a remote device; and.

the program of instructions further operable to effect the web site generated management and control instructions.

24. (Cancelled)

25 (Original) The intelligent management and control transceiver of Claim 23 further comprising the program of instructions operable to perform testing on one or more computing component capabilities.

26. (Original) The intelligent management and control transceiver of Claim 23 further comprising the program of instructions operable to effect updates to software.

27. (Currently Amended) The intelligent management and control transceiver of Claim 23 further comprising the processor, the memory, the communications interface, the transceiver, the LAN transceiver, at least one environmental sensor and the power supply integrated onto a computing component expansion card.